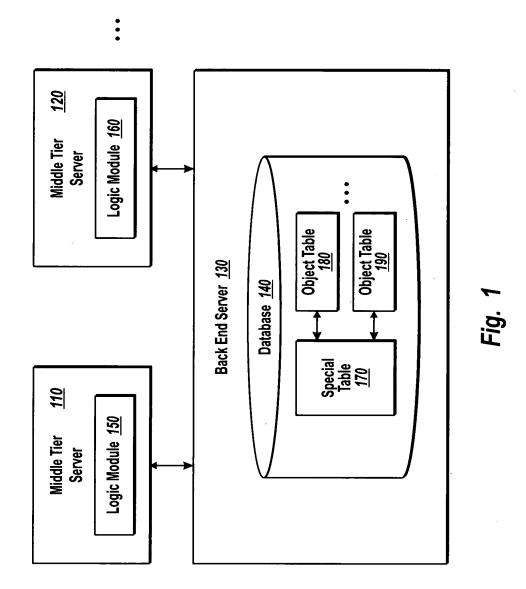Title: DATABASE DRIVEN TYPE EXTENSIBILITY
Inventor(s): Cliff M. R. Don, Remi A. J. Lemarchand, and Jason C. Mayans
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Middle Tier Server 120

Logic Module 160

Middle Tier Server 110

Logic Module 150

Back End Server 130

Database 140

Object Table 180

Object Table 190

Special Table 170

Fig. 1

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210

Create/Modify A Special Table
In The Back End Server Database

220

Create/Modify Object Tables That
Are Linked To The Special Table

230

Create/Modify Logic Modules
In The One Or More Middle
Tier Servers That Are Linked To
The Back End Server To Utilize
Extended Assemblies Provided
By The Back End Server

Deploy Data
Types From
The Back End
Server To
Middle Tier
Servers
270

240

Identify One Or More Data
Types That Have Been
Requested Or That Are
To Be Deployed

250

Obtain One Or More Extended
Assemblies Corresponding
To The One Or More
Data Types

260

Transmit The One Or More
Extended Assemblies To The One
Or More Appropriate Middle-Tier
Servers

200

**Fig. 2**

Title: DATABASE DRIVEN TYPE EXTENSIBILITY
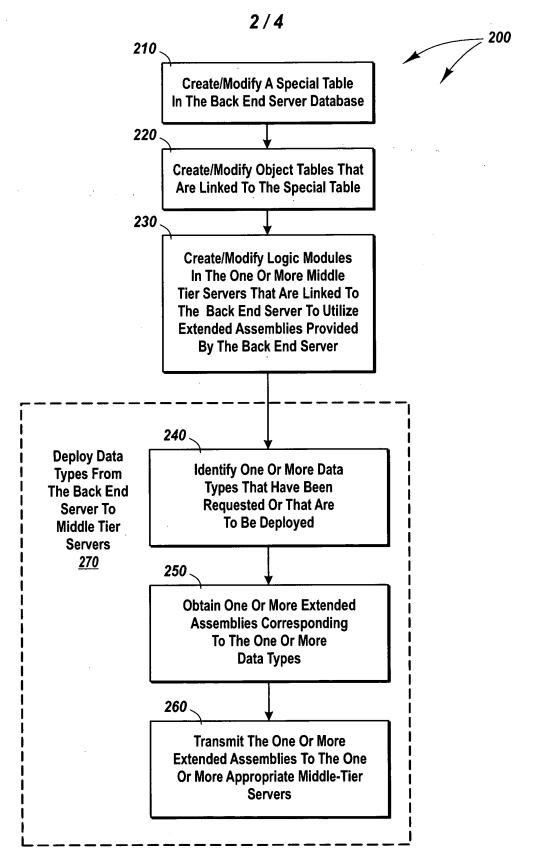Inventor(s): Cliff M. R. Don, Remi A. J. Lemarchand, and Jason C. Mayans
Docket No.: 13768.444

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| TypeId | Type Name | Type (Extended) Assembly |
|---|---|---|
| "c9135c04-db66-430e-8015-aa69b4874a20" | EmailMessage 340 | [Library Code for EmailMessage object] |
| "a8132d05-ca48-842" | PatentApplication 350 | [Library Code for PatentApplication object] |

*Fig. 3*

Title: DATABASE DRIVEN TYPE EXTENSIBILITY
Inventor(s): Cliff M. R. Don, Remi A. J. Lemarchand, and Jason C. Mayans
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*Fig. 4*